

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

503.33829CX4

SERIAL NO.

Not yet assigned

APPLICANT

Y. NAKATSUKA, et al

FILING DATE

April 13, 2004

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
u	5 7 4 2 2 9 3	4/98	Koyamada et al	345	421	
	5 6 8 4 9 3 6	11/97	Otto	345	421	
	5 6 1 9 6 2 7	4/97	Soderberg et al	345	421	
	5 6 1 3 0 4 8	3/97	Chen et al	345	419	
	5 5 0 9 1 1 0	4/96	Latham	345	421	
	5 3 2 5 4 8 5	6/94	Hochmuth et al	345	505	
	5 3 0 3 3 4 0	4/94	Gonzalez-Lopez et al	345	441	
	5 3 9 0 0 2 9	2/95	Williams et al	358	448	
	5 3 7 7 3 1 2	12/94	Kobayashi	395	116	
	4 6 9 4 3 5 1	9/87	Nakamura et al			
	4 3 0 3 9 8 6	12/81	Lans			
	5 3 8 4 8 6 1	1/95	Mattson et al			
✓	5 3 9 0 1 4 9	2/95	Vogley et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLAS S	ABSTRACT	
													YES	NO
HN		4	1	0	7	0	5	6	4/92	Japan				XX
HN		5	2	5	8	0	4	0	10/93	Japan				XX
HN	6	1	2	6	1	9	6	9	11/86	Japan				XX
HN		5	1	2	0	1	1	4	5/93	Japan				XX

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

EXAMINER

Uchanka

DATE CONSIDERED

12/2/04

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 503.33829CX4	SERIAL NO. Not yet assigned
	APPLICANT Y. NAKATSUKA, et al	
	FILING DATE April 13, 2004	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
mu	4 6 0 4 6 8 3	8/96	Russ et al	710	100	
	4 6 4 8 0 3 5	3/87	Fava et al	711	202	
	4 8 1 8 9 3 2	4/89	Odenheimer	324	121R	
	5 0 4 3 8 7 4	8/91	Gagliardo et al	711	151	
	5 1 6 4 9 1 6	11/92	Wu et al	365	52	
	5 2 3 7 5 6 7	8/93	Nay et al	370	438	
	5 4 1 2 7 8 8	5/95	Collins et al	711	157	
	5 6 0 3 0 4 8	2/97	Shindo et al	710	127	
↓	6 0 7 0 0 0 3	5/00	Gove et al	395	312	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	ABSTRACT YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

HN	A. Goris et al, A Configurable Pixel Cache for Fast Image Generation, IEEE CCC & F, March 1987, pp. 24-32.
HN	W. Newman, et al ADialog Type Computer Graphics 2nd Edition@ translated by Setuo Ohsuga, McGraw Hill Book Company, 1984, pp. 438-443.
HN	Gain (Technical Report, Published by Hitachi, Ltd. Semiconductor Division, No. 96/1993.1, pp. 6-11.
HN	S. Fujikura et al, ADevelopment of LSI for Facsimile Image Processing@, Oki Denki Research and Development, October 1992, No. 156. Vol. 59, No. 4, pp. 65-70.
HN	J. Foley et al, AFundamentals of Interactive Computer Graphics@ translated by Atsumi Imamiya, Published by Japan Computer Association, 1982, pp. 569-572.

EXAMINER

Uchida

DATE CONSIDERED

12/2/04

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

503.33829CX4

SERIAL NO.

Not yet assigned

APPLICANT

Y. NAKATSUKA, et al

FILING DATE

April 13, 2004

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HN	5 1 3 6 6 6 4	8/92	Bersack et al	345	441	
	5 2 5 1 2 9 6	10/93	Rhoden et al	345	531	
	5 3 9 2 3 8 5	2/95	Evangelisti et al	345	441	
	5 4 4 6 8 3 6	8/95	Lentz et al	345	441	
	5 5 1 5 4 8 3	5/96	Ito et al	345	419	
	5 5 9 6 6 8 6	1/97	Duluk, Jr.	345	422	
	6 0 2 0 8 9 4	2/00	Silverbrook	345	619	
	6 0 5 2 1 2 6	4/00	Sakuraba et al	345	582	
	6 3 5 6 2 6 9	3/02	Nakatsuka et al			
	5 7 4 8 2 0 2	5/98	Nakatsuka et al			
	6 0 8 4 5 9 9	7/00	Nakatsuka et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
HN 3 2 1 6 7 7 5	9/91	Japan			XX
HN 6 0 2 2 7 2 9 2	11/85	Japan			XX

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Uchida

DATE CONSIDERED

12/2/04

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])